

**Notice of Allowability**

Application No.

10/501,643

Examiner

Leonard J. Weinstein

Applicant(s)

GOZDAWA, RICHARD JULIUS

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3746

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/23/07.
2. ☒ The allowed claim(s) is/are 12-30 and 33.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

### **DETAILED ACTION**

1. This office action is in response to the amendment of July 23, 2007. In making the below rejections and/or objections the examiner has considered and addressed each of the applicant's arguments.
2. The examiner acknowledges the amendments to claims 12, 14, and 24-29. The examiner further acknowledges that claims 31-32 have been canceled and claim 33 has been added.

### ***Allowable Subject Matter***

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

- a. The recitation of "the auxiliary compressor draws from down steam the bladed impeller" in claim 12 has been amended by the examiner to recite --- the auxiliary compressor draws from down steam of the bladed impeller --
- b. The recitation of "the auxiliary compressor mounted at the downstream end of the rotor up and the upstream end of the rotor" in claim 14 has been amended by the examiner to recite --- the auxiliary compressor mounted at the downstream end of the rotor and the upstream end of the rotor ---
- c. The recitation of "a channel formed therein which runs parallel to the rotor between and the downstream gas bearing and the upstream gas bearing" in claim 33 has been amended by the examiner to recite --- a channel formed therein which runs

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parallel to the rotor between the downstream gas bearing and the upstream gas bearing

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d. The recitation of "at least one electric motor disposed on the rotor between the upstream gas bearing and the gas downstream" in claim 33 has been amended by the examiner to recite --- at least one electric motor disposed on the rotor between the upstream gas bearing and the downstream gas bearing ---

4. Claims 12-30 and 33 are allowed.

5. The following is an examiner's statement of reasons for allowance: the prior art neither discloses nor make obvious at least one auxiliary compressor mounted on a downstream end of a rotor so that the auxiliary compressor draws from down stream of a bladed impeller wheel and pressurizes a gas before supplying the gas to plurality of bearings of the rotor in combination with a compressor designed to be lowered into a well of a natural gas reservoir provided with at least one rotor mounted within a casing, one electric motor for driving the rotor having a stator with windings mounted in the casing and an armature formed as part of the rotor, one or more gas bearings supporting the rotor for rotation relative to the stator and arranged at opposite ends of the motor, at least one bladed impeller wheel for compressing a production of gas from a reservoir which is mounted on an overhanging end of the rotor that projects beyond each of the gas bearings upstream of a motor, and wherein all the gas bearings of the auxiliary compressor and of the electric motor are arranged on a same side of the bladed impeller wheel and cooling gas flows over a motor during operation.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the

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issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leonard J. Weinstein whose telephone number is 571-272-9961. The examiner can normally be reached on Monday - Thursday 7:00 - 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Stashick can be reached on 571-272-4561. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



LJW



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